

Message

From: Jinot, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D0EDF66A00054AFE84F4AB5C5119562F-JINOT, JENNIFER]
Sent: 5/12/2016 2:12:02 PM
To: Jennifer Jinot [Jinot.Jennifer@epa.gov]
Subject: FW: Questions regarding Mikoczy et al. (2011)

From: Jinot, Jennifer
Sent: Thursday, May 12, 2016 10:11 AM
To: 'Zoli Mikoczy' <zoli.mikoczy@med.lu.se>
Subject: RE: Questions regarding Mikoczy et al. (2011)

Dear Dr. Mikoczy,

Thank you for your response. In a separate email, I enquired about whether you had computed breast cancer IRR results with a 15-year lag and, if so, if these could be provided. We are still interested in the lagged results, if these are available.

Thank you for very much for any additional results that you can provide!

Sincerely,

Jennifer Jinot
National Center for Environmental Assessment
Office of Research and Development
U.S. Environmental Protection Agency
Washington, D.C. 20460

From: Zoli Mikoczy [mailto:zoli.mikoczy@med.lu.se]
Sent: Monday, May 09, 2016 1:47 AM
To: Jinot, Jennifer <Jinot.Jennifer@epa.gov>
Subject: SV: Questions regarding Mikoczy et al. (2011)

Dear Dr. Jinot,

Ex. 5 Deliberative Process (DP)

Best wishes
Zoli Mikoczy

Från: Jinot, Jennifer [mailto:Jinot.Jennifer@epa.gov]
Skickat: den 5 maj 2016 18:40
Till: Zoli Mikoczy
Ämne: RE: Questions regarding Mikoczy et al. (2011)

Dear Dr. Mikoczy,

I contacted you last year requesting some additional **Ex. 5 Deliberative Process (DP)** on ethylene oxide, which you kindly provided. as a follow-up question, i just wanted to make sure, the results presented in **Ex. 5 Deliberative Process (DP)** of the 2011 paper are for **Ex. 5 Deliberative Process (DP)**.
Thank you for any clarification that you can provide.

Sincerely,

Jennifer Jinot
National Center for Environmental Assessment
Office of Research and Development
U.S. Environmental Protection Agency
Washington, D.C. 20460

From: Zoli Mikoczy [<mailto:zoli.mikoczy@med.lu.se>]
Sent: Tuesday, September 15, 2015 4:12 AM
To: Jinot, Jennifer <Jinot.Jennifer@epa.gov>
Subject: SV: Questions regarding Mikoczy et al. (2011)

Dear Dr. Jinot,

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Hope the figures will help you anyway

Best regards
Zoli Mikoczy

Från: Jinot, Jennifer [<mailto:Jinot.Jennifer@epa.gov>]
Skickat: den 10 september 2015 22:34
Till: Zoli Mikoczy
Kopia: Jinot, Jennifer
Ämne: Questions regarding Mikoczy et al. (2011)

Dear Dr. Mikoczy,

I am a scientist with the United States Environmental Protection Agency, which is conducting a health assessment of exposure to ethylene oxide. We are developing quantitative risk estimates for breast cancer as a function of ethylene oxide exposure. We have been working with the U.S. National Institute for Occupational Safety and Health (NIOSH) sterilizer worker study (Steenland et al., 2003), but we would like to see how our estimates using that study would compare with estimates derived from your study.

Could you please provide us with the average exposure for each of the three categorical exposure groups for breast cancer in Table 5 of Mikoczy et al. (2011) (i.e., 0-0.13 ppm-years [n=615 women]; 0.14-0.21 ppm-years [n=287 women]; and ≥0.22 ppm-years [n=295 women]) so that we could develop some rough estimates for this comparison? Also, based on the observation that your exposure levels are generally lower than those in the NIOSH study and your IRR estimates are generally higher than those in the NIOSH study (e.g., Table 4 in Steenland et al., 2004), it appears that quantitative

risk estimates derived from your study will indicate a higher potency for ethylene oxide than estimates based on the NIOSH study. Do you have any thoughts on why the exposure estimates from your study are lower than those in the NIOSH study and/or why your IRR estimates are higher? Any thoughts you might have or any additional information about your exposure assessment that you can provide that might shed some light on this issue would be greatly appreciated.

Thank you for considering this request.

Sincerely, Jennifer Jinot

National Center for Environmental Assessment
Office of Research and Development
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Washington, D.C. 20460